

File Names

12:00 Monday, March 21, 2005 1

File #	Original File Name
1	PAC2001_SLPK_JRB_MET-TOWER_20010813D31_V1.csv

Dataset Key Phrases

2

Data Exchange Standard Version	Principal Investigator Name--last first	Principal Investigator Affiliation	File Contents Description--short long	Sampling Interval As Reported in Main Table	Sampling Frequency Of Data in Main Table	Quality Control Level	Organization Acronym	Organization Name	Data Usage Acknowledgement	Study Or Network Acronym	Study Or Network Name	Country Code
NARSTO 2001/09/27 (2.213)	Brook ; Dr. Jeff	Air Quality Research Branch, Meteorological Service of Canada	MET_TOWER ; Meteorology	5 minute	Same as sampling interval	1	ENVCAN	Environment Canada	Meteorological Service of Canada, Environment Canada, 4905 Dufferin St., Toronto, Ont. Canada M3H 5T4	PACIFIC 2001	PACIFIC 2001	CA (CANADA)

State Or Province Code	Principal Investigator Contact Information	Co-investigator Name--last first	Co-investigator Affiliation	Name And Affiliation Of Person Who Generated This File	Date Of Last Modification To Data In Main Table	Name And Version Of Software Used To Create This File	Companion File Name format And Version	Date This File Generated archive Version Number	Table Explanation Of Zero Or Negative Values	Table Explanation Of Reported Detection Limit Values	Table Explanation Of Reported Uncertainty	Table User Note
BC	Dr. Jeff Brook, 4905 Dufferin St., Toronto ON, CANADA, M3H 5T4; tel: 416 739 4916; e-mail: jeff.brook@ec.gc.ca	Lu ; Gang	Air Quality Research Branch, Meteorological Service of Canada	Gang Lu, Meteorological Service of Canada	2002/05/04	Excel/2000	None ; Not applicable	2004/08/13 ; 1	Within error of instrument			

Table User Note2	Table User Note3	Table User Note4	Table Name	Table Focus
			Meteorological Data	Aloft--tower

Site Information

3

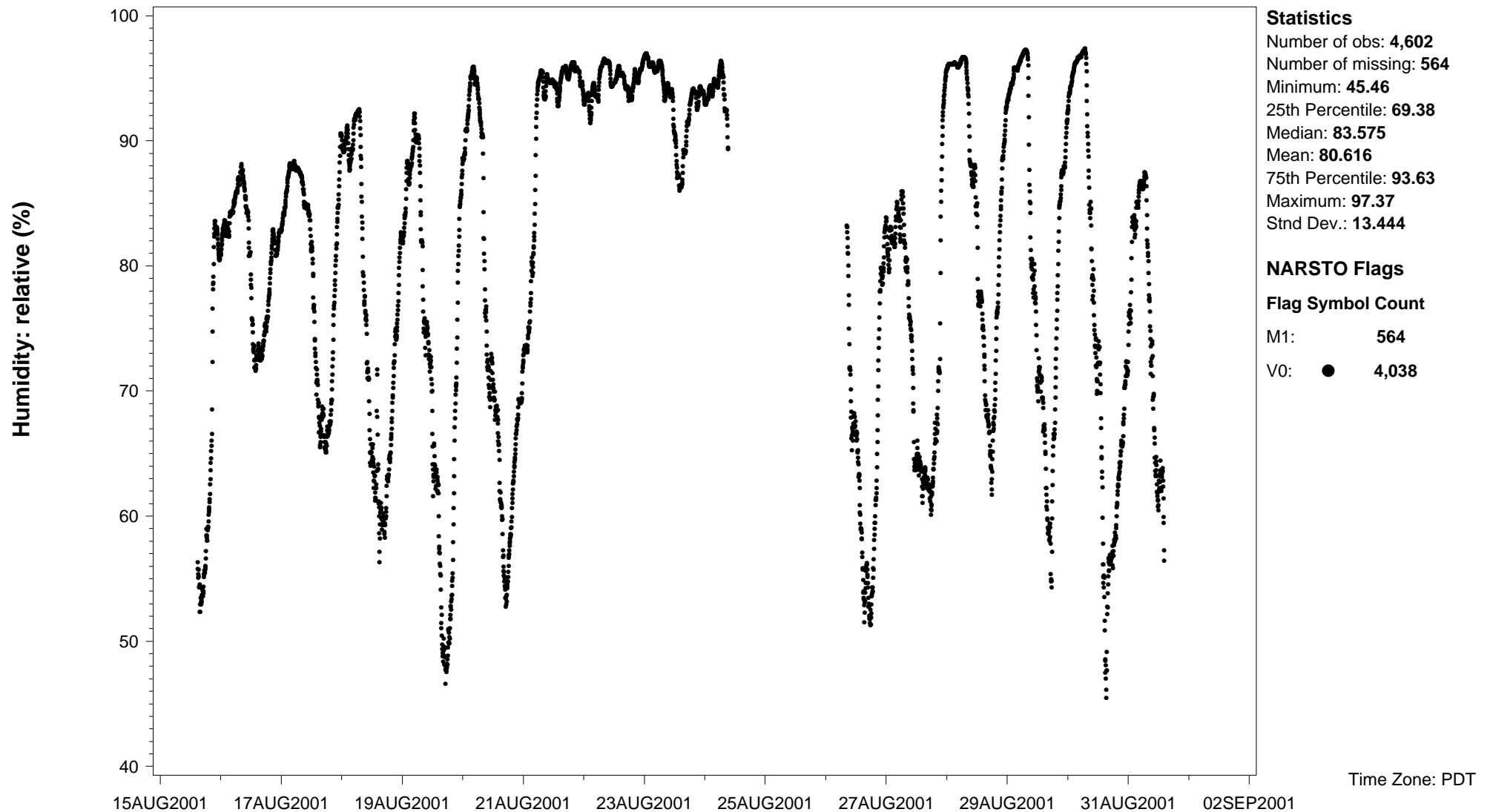
Site ID	Name	State Province code	Latitude: decimal degree	Longitude: decimal degree	Sampling height above ground (m)	Ground elevation above sea level (m)	Site land use	Site location setting	Measurement start date	Measurement end date	Co-incident measurements	Study site ID	Lat lon accuracy
PC01CABCSLCN	Slocan Park in Vancouver	BC	49.23417	-123.04750	92	.	Recreation	Urban	2001/08/10	2001/09/01		SLCN	.

NARSTO Standard Flags

Flag: NARSTO	Description
H1	Historical data that have not been assessed or validated
M1	Missing value because no value is available
M2	Missing value because invalidated by data originator
V0	Valid value
V1	Valid value but comprised wholly or partially of below detection limit data
V2	Valid estimated value
V3	Valid interpolated value
V4	Valid value despite failing to meet some QC or statistical criteria
V5	Valid value but qualified because of possible contamination (e.g., pollution source, laboratory contamination source)
V6	Valid value but qualified due to non-standard sampling conditions (e.g., instrument malfunction, sample handling)
V7	Valid value but set equal to the detection limit (DL) because the measured value was below the DL

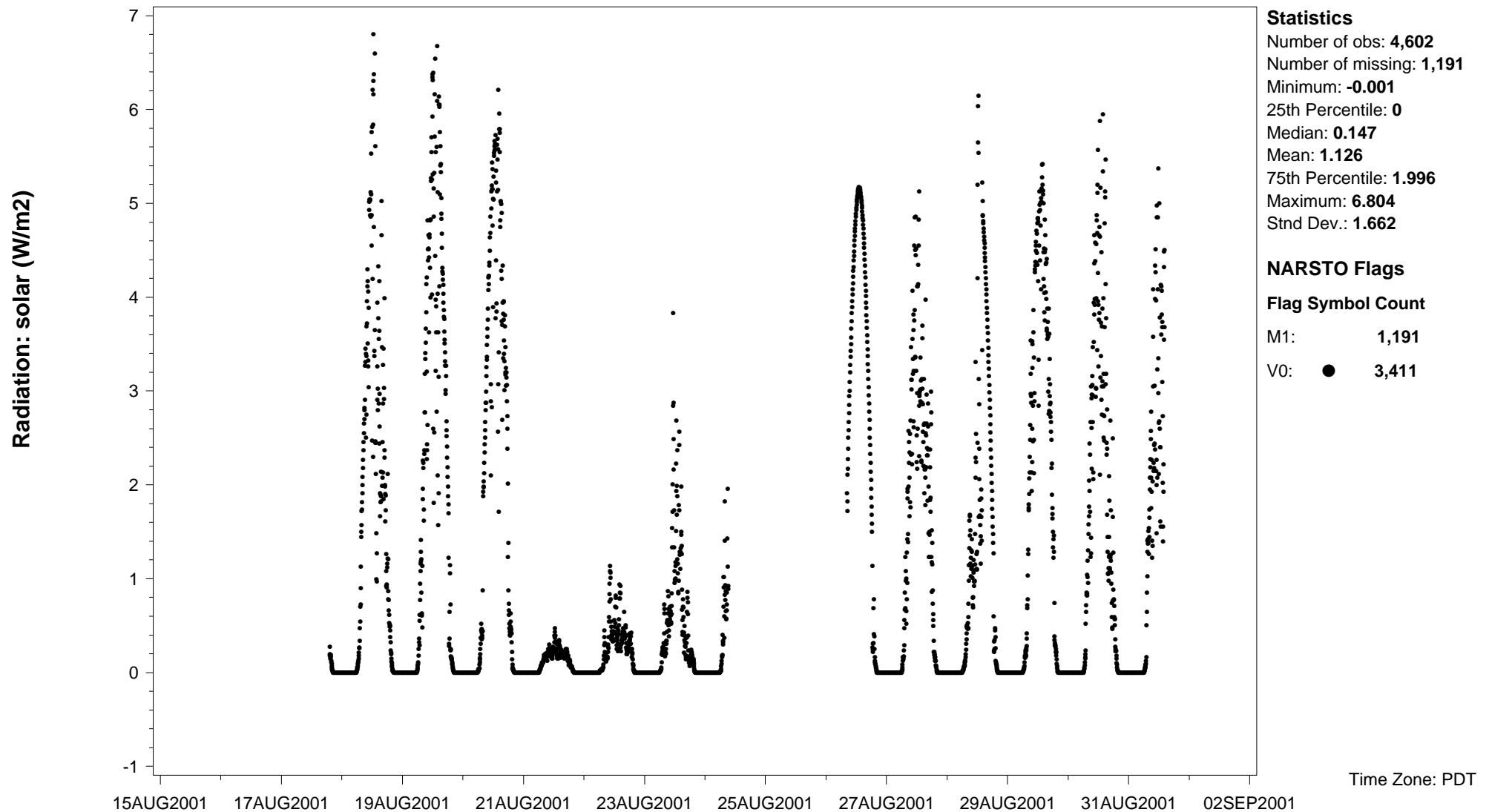
Site ID: **PC01CABCSLCN** Variable name: **Humidity: relative** Units: % Sampling interval: **5 minute** Sampling frequency: **Same as sampling interval**
Observation type: **Meteorology** Field sampling or measurement principle: **Thermistor-based temperature sensor** Sampling Height above ground (m): **10.00**
Instrument name and model number: **type 207** Measurement principal investigator: **Jeff Brook**

Site Name: **Slocan Park in Vancouver, British Columbia** Latitude: **49.23417 deg.** Longitude: **-123.0475 deg.** Start Date: **2001-08-10** End Date: **2001-09-01**



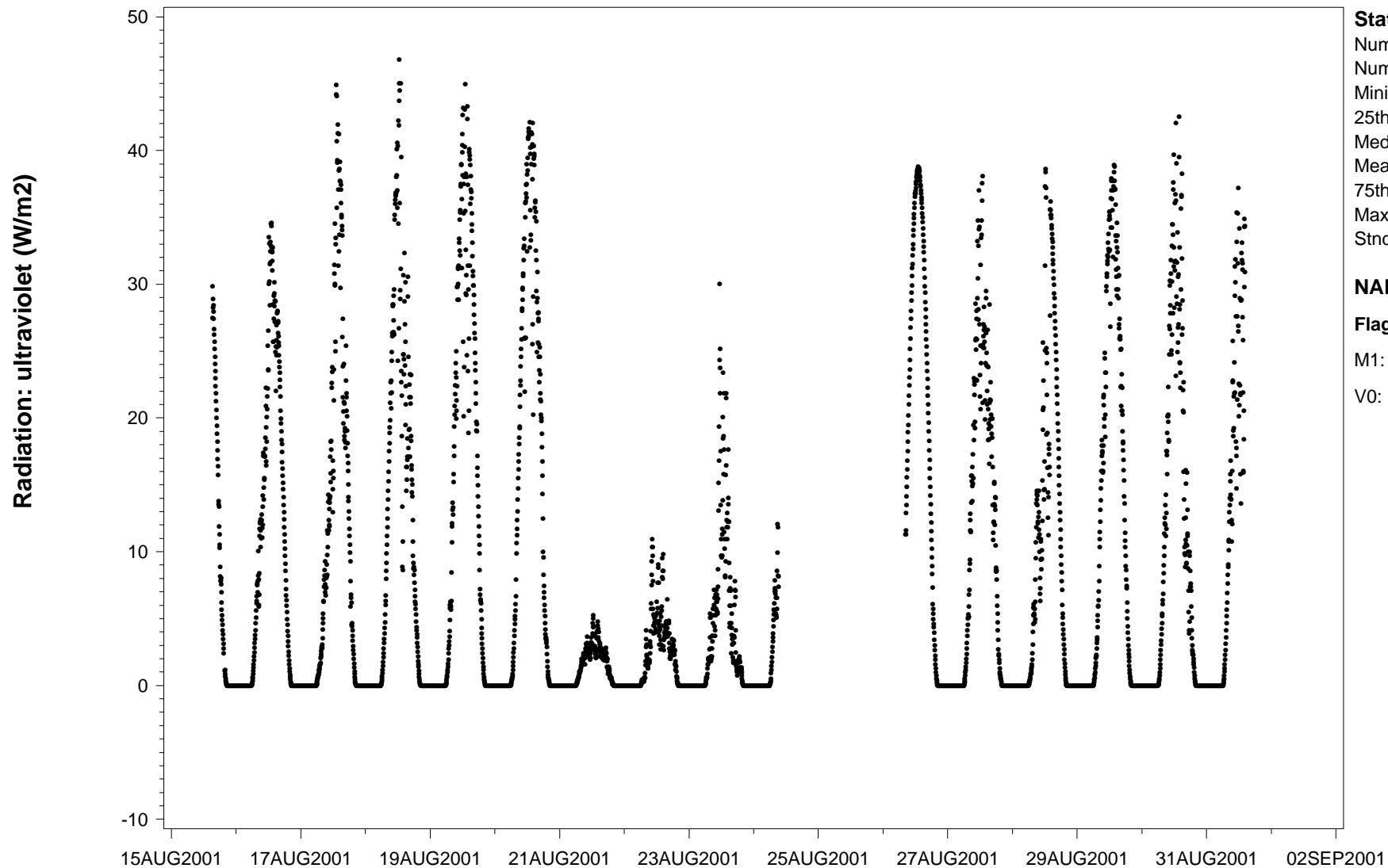
Site ID: **PC01CABCSLCN** Variable name: **Radiation: solar** Units: **W/m2** Sampling interval: **5 minute** Sampling frequency: **Same as sampling interval**
Observation type: **Meteorology** Field sampling or measurement principle: **Pyranometer** Sampling Height above ground (m): **10.000**
Wavelength--lower bound (NM): **280.000** Wavelength--upper bound (NM): **2800.000** Instrument name and model number: **LI200S**
Measurement principal investigator: **Jeff Brook**

Site Name: **Slocan Park in Vancouver, British Columbia** Latitude: **49.23417 deg.** Longitude: **-123.0475 deg.** Start Date: **2001-08-10** End Date: **2001-09-01**



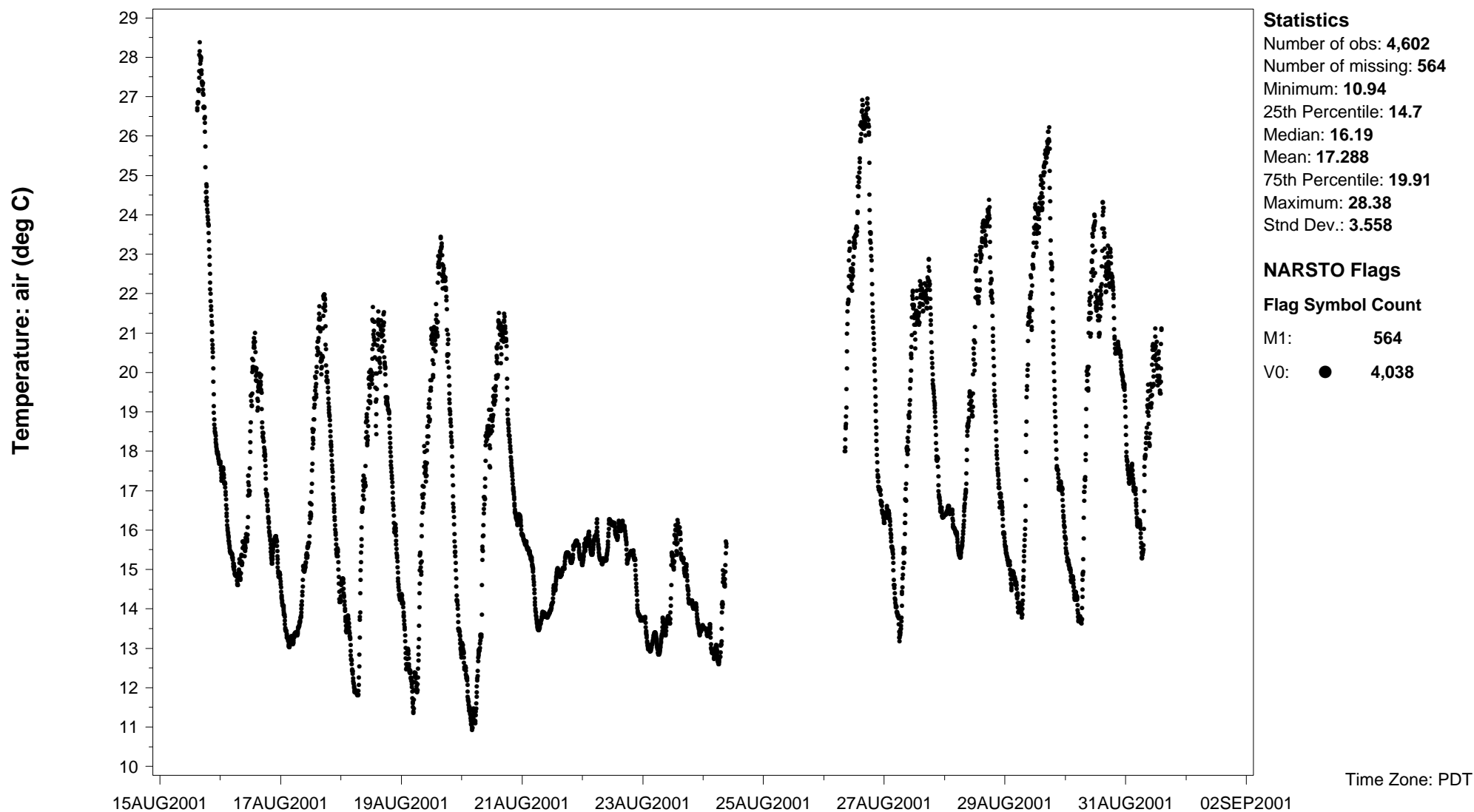
Site ID: **PC01CABCSLCN** Variable name: **Radiation: ultraviolet** Units: **W/m2** Sampling interval: **5 minute** Sampling frequency: **Same as sampling interval**
Observation type: **Meteorology** Field sampling or measurement principle: **Pyranometer** Sampling Height above ground (m): **1.500**
Wavelength--lower bound (NM): **295.000** Wavelength--upper bound (NM): **385.000** Instrument name and model number: **Eppley Model TUVR**
Measurement principal investigator: **Jeff Brook**

Site Name: **Slocan Park in Vancouver, British Columbia** Latitude: **49.23417 deg.** Longitude: **-123.0475 deg.** Start Date: **2001-08-10** End Date: **2001-09-01**



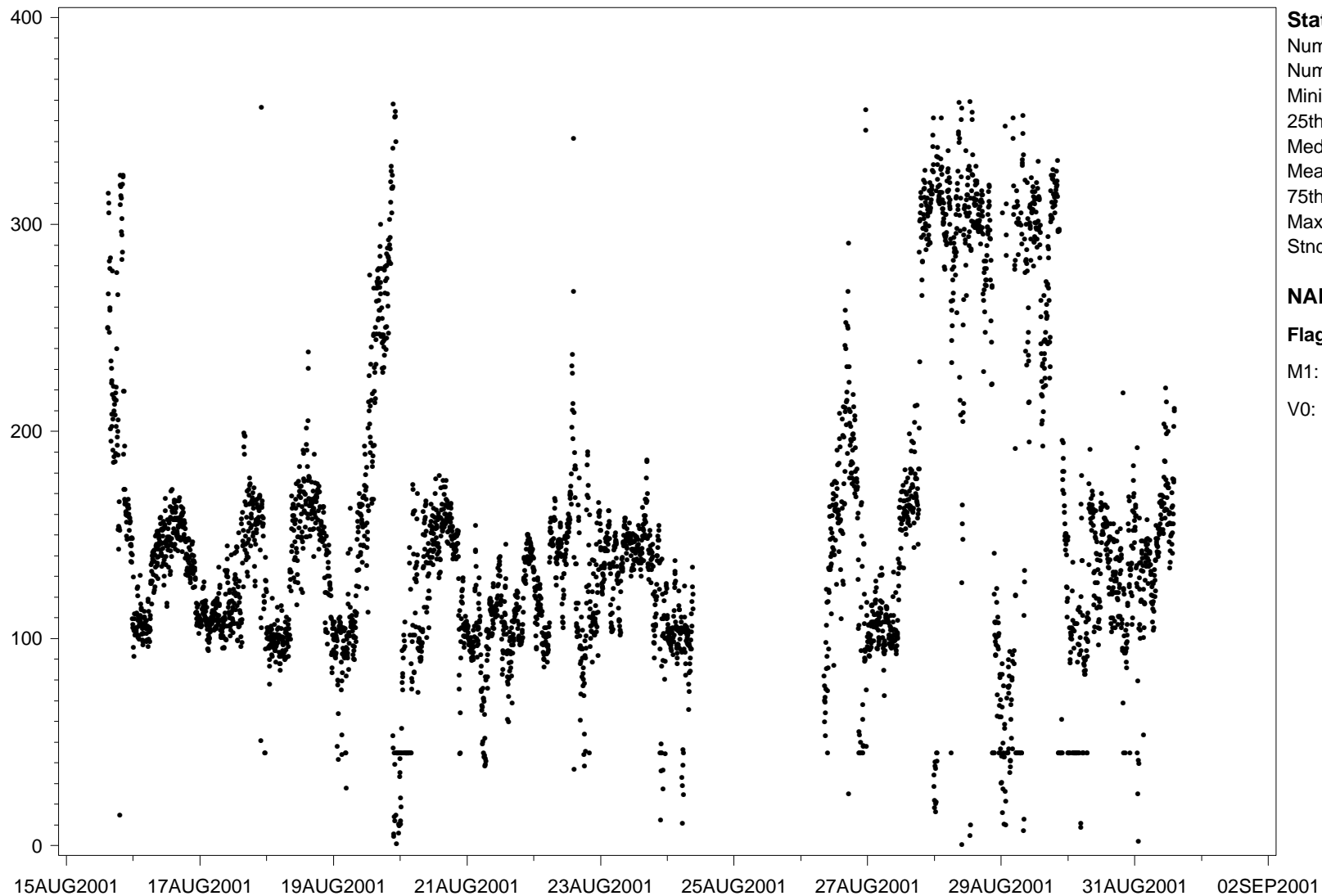
Site ID: **PC01CABCSLCN** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **5 minute** Sampling frequency: **Same as sampling interval**
Observation type: **Meteorology** Field sampling or measurement principle: **Thermistor-based temperature sensor** Sampling Height above ground (m): **10.00**
Instrument name and model number: **type 207** Measurement principal investigator: **Jeff Brook**

Site Name: **Slocan Park in Vancouver, British Columbia** Latitude: **49.23417 deg.** Longitude: **-123.0475 deg.** Start Date: **2001-08-10** End Date: **2001-09-01**



Site ID: **PC01CABCSLCN** Variable name: **Wind direction: horizontal resultant vector mean** Units: **degree from true north** Sampling interval: **5 minute**
Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Field sampling or measurement principle: **Wind direction vane**
Sampling Height above ground (m): **10.00** Instrument name and model number: **RM Young** Measurement principal investigator: **Jeff Brook**
Site Name: **Slocan Park in Vancouver, British Columbia** Latitude: **49.23417 deg.** Longitude: **-123.0475 deg.** Start Date: **2001-08-10** End Date: **2001-09-01**

Wind direction: horizontal resultant vector mean (degree from true north)

**Statistics**

Number of obs: **4,602**
Number of missing: **564**
Minimum: **0.85**
25th Percentile: **104.85**
Median: **137.415**
Mean: **149.836**
75th Percentile: **164.58**
Maximum: **359.41**
Std Dev.: **70.350**

NARSTO Flags**Flag Symbol Count**

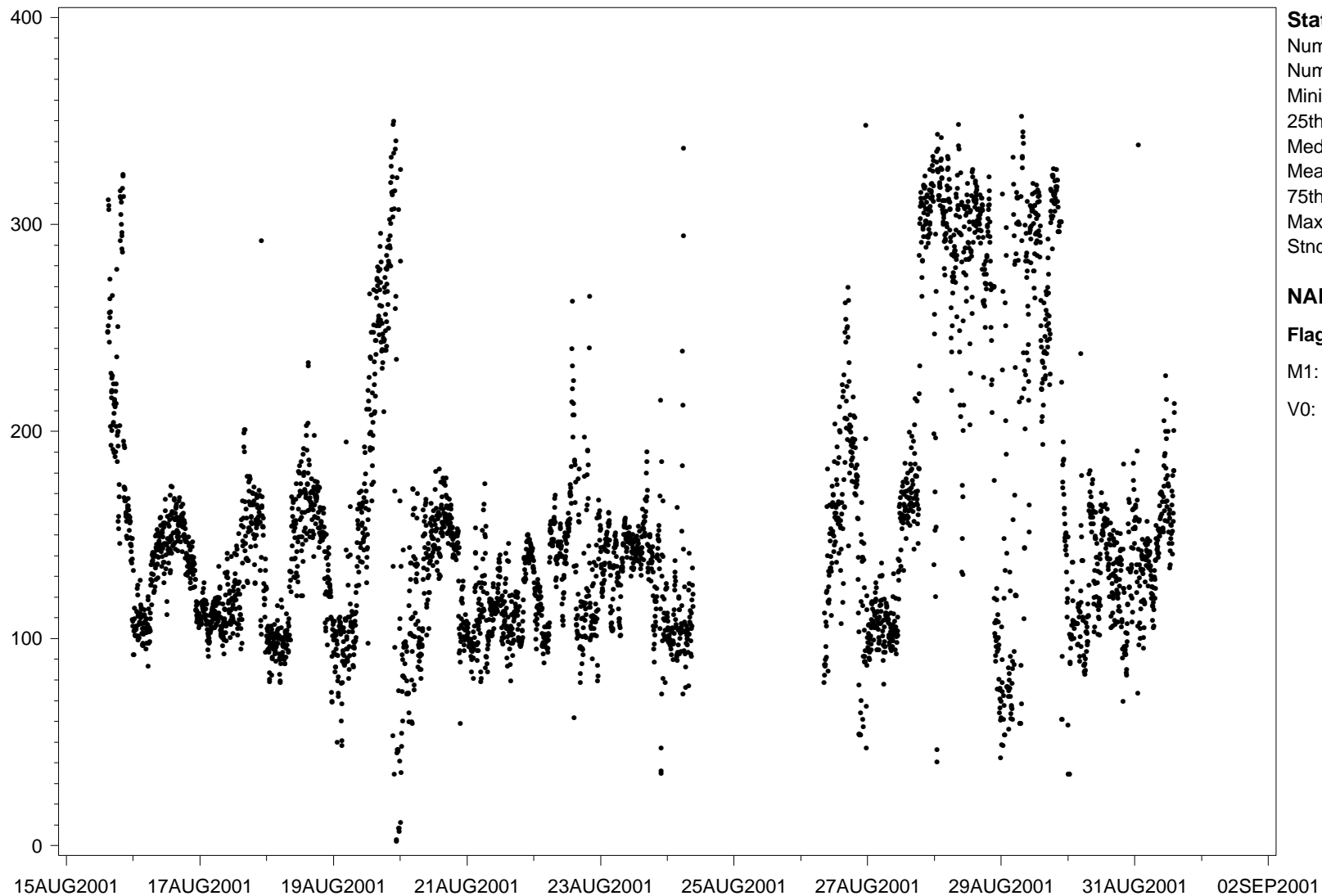
M1: **564**
V0: **● 4,038**

Time Zone: PDT

Site ID: **PC01CABCSLCN** Variable name: **Wind direction: horizontal scalar mean** Units: **degree from true north** Sampling interval: **5 minute**
Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Field sampling or measurement principle: **Wind direction vane**
Sampling Height above ground (m): **10.00** Instrument name and model number: **RM Young** Measurement principal investigator: **Jeff Brook**

Site Name: **Slocan Park in Vancouver, British Columbia** Latitude: **49.23417 deg.** Longitude: **-123.0475 deg.** Start Date: **2001-08-10** End Date: **2001-09-01**

Wind direction: horizontal scalar mean (degree from true north)



Statistics

Number of obs: **4,602**
Number of missing: **564**
Minimum: **2.14**
25th Percentile: **108.46**
Median: **139.43**
Mean: **155.656**
75th Percentile: **168.29**
Maximum: **352.24**
Std Dev.: **66.443**

NARSTO Flags

Flag Symbol Count

M1: **564**
V0: **● 4,038**

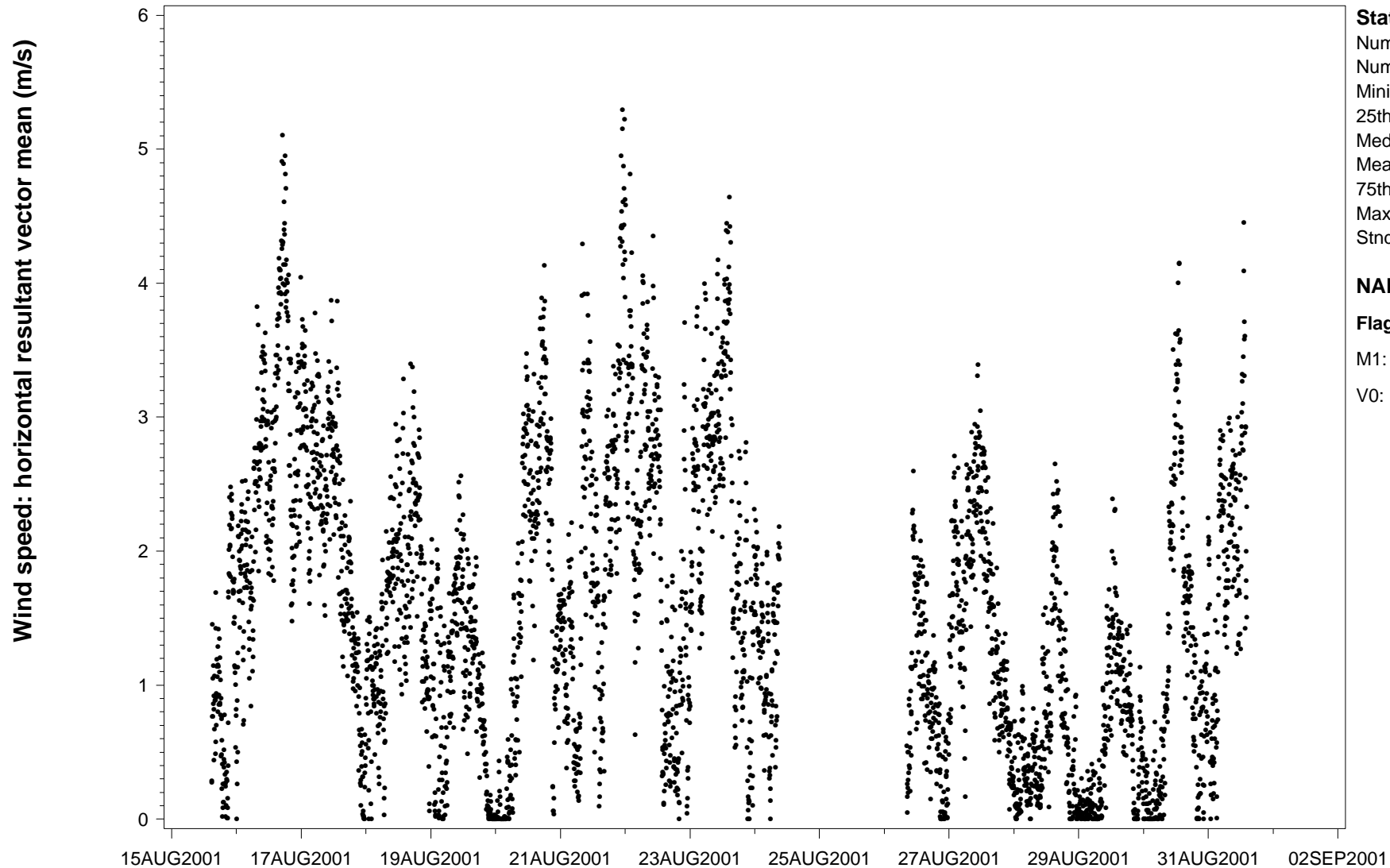
Time Zone: PDT

NAtChem Time Series Plot

21MAR2005

Site ID: **PC01CABCSLCN** Variable name: **Wind speed: horizontal resultant vector mean** Units: **m/s** Sampling interval: **5 minute**
Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Field sampling or measurement principle: **Anemometer--propeller**
Sampling Height above ground (m): **10.000** Instrument name and model number: **RM Young** Measurement principal investigator: **Jeff Brook**

Site Name: **Slocan Park in Vancouver, British Columbia** Latitude: **49.23417 deg.** Longitude: **-123.0475 deg.** Start Date: **2001-08-10** End Date: **2001-09-01**



Site ID: **PC01CABCSLCN** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **5 minute**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Field sampling or measurement principle: **Anemometer--propeller**

Sampling Height above ground (m): **10.000** Instrument name and model number: **RM Young** Measurement principal investigator: **Jeff Brook**

Site Name: **Slocan Park in Vancouver, British Columbia** Latitude: **49.23417 deg.** Longitude: **-123.0475 deg.** Start Date: **2001-08-10** End Date: **2001-09-01**

